

## APPENDIX A. ACRONYMS AND ABBREVIATIONS

AAL	ATM adaptation layer
ANSI	American National Standards Institute
ATM	asynchronous transfer mode
BBER	background block error ratio
BER	bit error ratio
B-ISDN	broadband ISDN
bit/s	bit(s) per second
BNE	B-ISDN network emulator
CB	cell block
CCITT	International Telephone and Telegraph Consultative Committee
CDV	cell delay variation
CER	cell error ratio
CES	circuit emulation service
CL	cell loss
CLP	cell loss priority (bit in ATM cell header)
CLR	cell loss ratio
CMR	cell misinsertion rate
CO	central office
CODEC	coder/decoder
CRC	cyclic redundancy check
CS	convergence sublayer
CSU	channel service unit
CTD	cell transfer delay
DCT	discrete cosine transform (coding technology)
DPCM	digital pulse code modulation
DS	digital service
DS-1	digital service level 1, 1.536 Mbit/s
DS-3	digital service level 3, 44.736 Mbit/s
DSU	digital service unit
ER	error ratio
ESR	errored second ratio
FCC	Federal Communication Commission
FDDI	fiber distributed data interface
GFC	generic flow control (field in ATM cell header)
GP-IB	general purpose instrumentation bus (IEEE-488)
HEC	header error control (field in ATM cell header)
ISDN	integrated services digital network
ITS	Institute for Telecommunication Sciences (part of NTIA)
ITU	International Telecommunication Union

ITU-T	Telecommunication Standardization Sector of the ITU
JPEG	Joint Picture Experts Group
kbit/s	kilobit(s) per second (1,000 bits per second)
LM	layer management
Mbit/s	megabit(s) per second (1,000,000 bits per second)
MHz	MegaHertz
ms	millisecond
N-ISDN	narrowband ISDN
NIU-F	North American ISDN User's Forum
NNI	network-node interface
nsec	nanoseconds
NTIA	National Telecommunications and Information Administration
NTSC	National Television System Committee
OAM	operation, administration and maintenance
OC	optical carrier
OSI	Open Systems Interconnection
PL	physical layer
PM	physical medium
PT	payload type (field in ATM cell header)
PUC	Public Utilities Commission
PVC	permanent virtual connection
SAR	segmentation and reassembly
SDH	synchronous digital hierarchy
SECBR	severely errored cell block ratio
SES	severely errored second
SESR	severely errored second ratio
SMA	service module A (a ¼" threaded coaxial connector)
SONET	synchronous optical network
STM	synchronous transfer mode
SVC	switched virtual connection
TAXI	transparent asynchronous transceiver interface
TC	transmission convergence
TOH	transport overhead
UNI	user network interface
usec	microsecond
VCI	virtual channel identifier (field in ATM cell header)
VPI	virtual path identifier (field in ATM cell header)
VXI	A standard, open bus architecture that is the successor to the VME bus
XOR	exclusive OR (logical operation)